

MATERIAL SAFETY DATA SHEET

MSDS

DATE: 10/08/98

MSDS # 522206

NEW [X]

REVISED []

PURSELL INDUSTRIES, INC

P.O. Box 540

Sylacauga, AL 35150

EMERGENCY PHONE NUMBERS:

PURSELL: 1-800-874-8892

CHEMTREC: 1-800-424-9300

SECTION - I - PRODUCT INFORMATION

PRODUCT NAME Vigoro Crabgrass Preventer plus Fertilizer 28-3-4

PRODUCT NUMBER: 522206

CHEMICAL NAME: *Dimension herbicide, Polymer-coated Urea, Polymer-Coated Sulfur-Coated Urea, Urea, Diammonium

Phosphate, Muriate of Potash

CHEMICAL CLASS: Dinitroaniline compound Herbicide /Fertilizer Compound

EPA REGISTRATION NUMBER 8660-160

NFPA RATING: Health - 2 Flammability - 1 Reactivity - 0 Special - None

NFPA CODES: 0=Least 1=Slight 2=Moderate 3=High 4=Extreme

*Dimension is a registered trademark of Rohm & Haas Company

SECTION - II - INGREDIENT INFORMATION

ACTIVE INGREDIENT	CAS NUMBER	PEL	TLV	OTHER	% BY WEIGHT
Dithiopyr, 3,5-pyridinedicarothioic acid, 2-(difluoromethyl)-4-(2-methylpropyl) -6-(trifluoromethyl)-S, S-dimethyl ester	97886-45-8	NI	10 mg/m ³	NI	0.14
INERT INGREDIENTS	Mixture	NI	10mg/m ³	NI	99.86
TOTAL					100.00

SECTION - III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: NA

Bulk Density: 57 - 60 lbs/ft³

Vapor Pressure (mmHg): NA

Melting Point: NA

Vapor Density (Air =1): NA

Evaporation Rate(Butyl Acetate=1): NA

Solubility in Water: Fertilizer chemicals are water soluble. Herbicide compound and polyurethane coatings are water insoluble.

Appearance and Odor: Beige, brown, white, yellow and/or green fertilizer granules. Slight aromatic odor and fertilizer salt odor.

SECTION - IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: NA

Flammable Limits: LEL: NA UEL: NA

Extinguishing Media: Water spray, foam, dry chemical, CO₂, sand, or fine earth. Material is essentially non-flammable.

Special Fire Fighting Procedures: Wear full protective clothing and self-contained breathing apparatus. Short term exposure to smoke, fumes, and gases can lead to irreversible lung injury without early signs and symptoms. Use extinguishing media suitable for the surrounding fire.

Unusual Fire and Explosion Hazards: Noxious and toxic fumes may be produced if product is involved in fire. Run-off from fire control area or dilution water may cause pollution. If surface water is contaminated, contact local authorities.

SECTION - V - REACTIVITY DATA

Stability: Stable

Incompatibility (Materials to avoid): Store separately from acids and bases.

Hazardous Decomposition or Byproducts: Thermal degradation may produce Cyanuric acid, ammonia, biuret, hydrogen cyanide, chlorine gas, sulfur oxides, and nitrogen oxides.

Hazardous Polymerization: Will not occur

SECTION - VI - HEALTH HAZARD DATA

ACUTE AND CHRONIC HEALTH HAZARDS / EMERGENCY AND FIRST AID PROCEDURES

SARA Hazard category: Immediate health hazard

Route(s) of entry: Inhalation, Contact, Ingestion.

Eyes: Immediately flush eyes with plenty of water for 15 minutes, holding lids open. Get medical attention if irritation persists.

Skin: May cause moderate irritation. Remove contaminated clothing. Wash with soap and water.

Inhalation: Remove individual to fresh air. Seek medical attention if breathing difficulty develops.

Ingestion: Immediately seek medical assistance. Call a physician. The phone number for the National Poison Control Center is (202) 625-3333. Drink 1 or 2 glasses of water. Do not induce vomiting. Never give anything by mouth to an unconscious person.

Signs and Symptoms of Exposure: Irritation to eyes, skin, or respiratory tract. May include nausea, vomiting, cramping, diarrhea, headaches, dizziness, and other minor central nervous system effects, fever, and/or muscle aches.

Notes to physicians: In acute cases of naphtha overexposure or ingestion, patients should be evaluated for signs of respiratory distress.

SECTION - VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Storage: Store in original container in a locked storage area inaccessible to children and pets. Do not store near feed, seed, or food; other herbicides, fertilizers, or insecticides to prevent cross contamination.

Procedures in case of spill or release: Do not touch spilled material. Wear protective clothing; chemical resistant gloves and shoes, safety glasses or goggles. Use NIOSH/MSHA approved respirator (TC-21C) if exposure levels are high. If materials are uncontaminated, collect, label containers, and reuse as directed on label. Empty containers may be disposed of in a licensed sanitary landfill. Do not reuse bag.

Waste Disposal Method: If uncontaminated, use as directed on the label. If contaminated, dispose of in accordance with all Federal, State, and Local laws. Pesticide wastes are toxic. Do not contaminate water supplies.

Other Precautions: Do not use directly on water. Do not apply when weather conditions favor drift from target area. Do not contaminate water supplies when disposing of equipment waste waters.

SECTION - VIII - CONTROL MEASURES

Ventilation Requirements: None required when applied according to Directions For Use.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory Protection: None required with normal use of this product.

Protective Clothing: Wear long sleeved shirt, long pants, shoes and socks, and impervious gloves.

Eye Protection: Safety glasses with side shields or goggles are recommended.

SECTION - IX - ADDITIONAL INFORMATION

This product contains pesticides. Pesticide wastes are toxic. Improper disposal of excess pesticide is a violation of Federal Law. If pesticides cannot be used according to label, contact your State or Federal pesticide control agency for guidance.

SECTION - X- SARA TITLE III REQUIREMENTS

Section 302 EHS: No	Section 304 CERCLA : NO	SARA Hazard Category: Immediate Health Hazard
Section 311/312 Hazardous Substance: NO		Carcinogenic Compound(s) (IARC/NTP/OSHA/ACGIH): None
Section 313 Toxic Chemicals: NO		

OTHER PRECAUTIONS AND COMMENTS

The information in this Material Safety Data Sheet is believed to accurately reflect the scientific evidence used in making the hazard determination. It is considered only as a guide, and not a warranty or representation for which we assume legal responsibility. Independent decisions must be made on the suitability and use of this product dependent on variable storage conditions or locally applicable laws or government regulations. The buyer and user assumes all risk and liability of storage, handling, and use of this product not in accordance with the terms of the product label.

PURSELL INDUSTRIES, INC

NI=NONE INDICATED

NA=NOT APPLICABLE

Contact: Customer Service
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